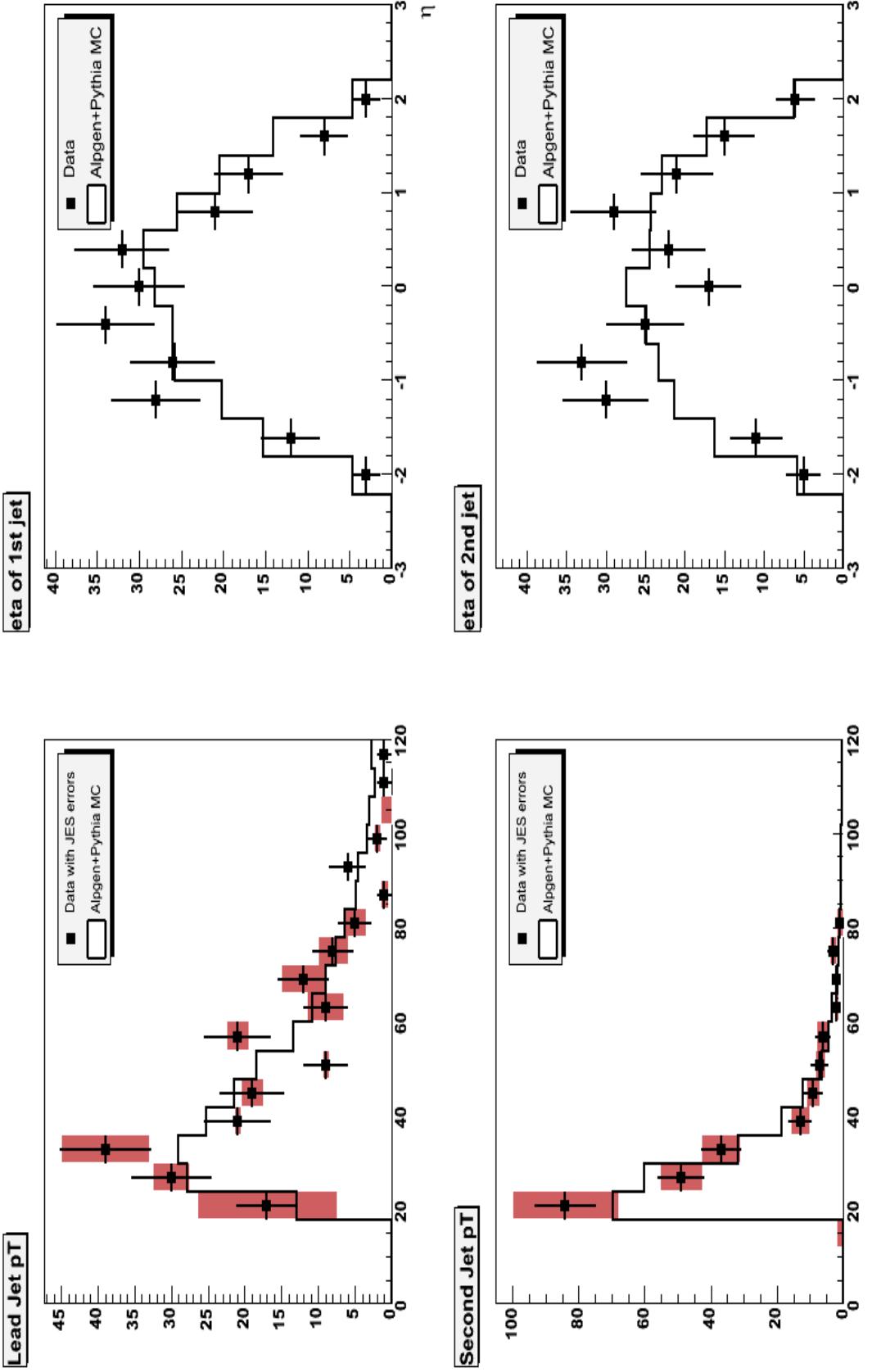


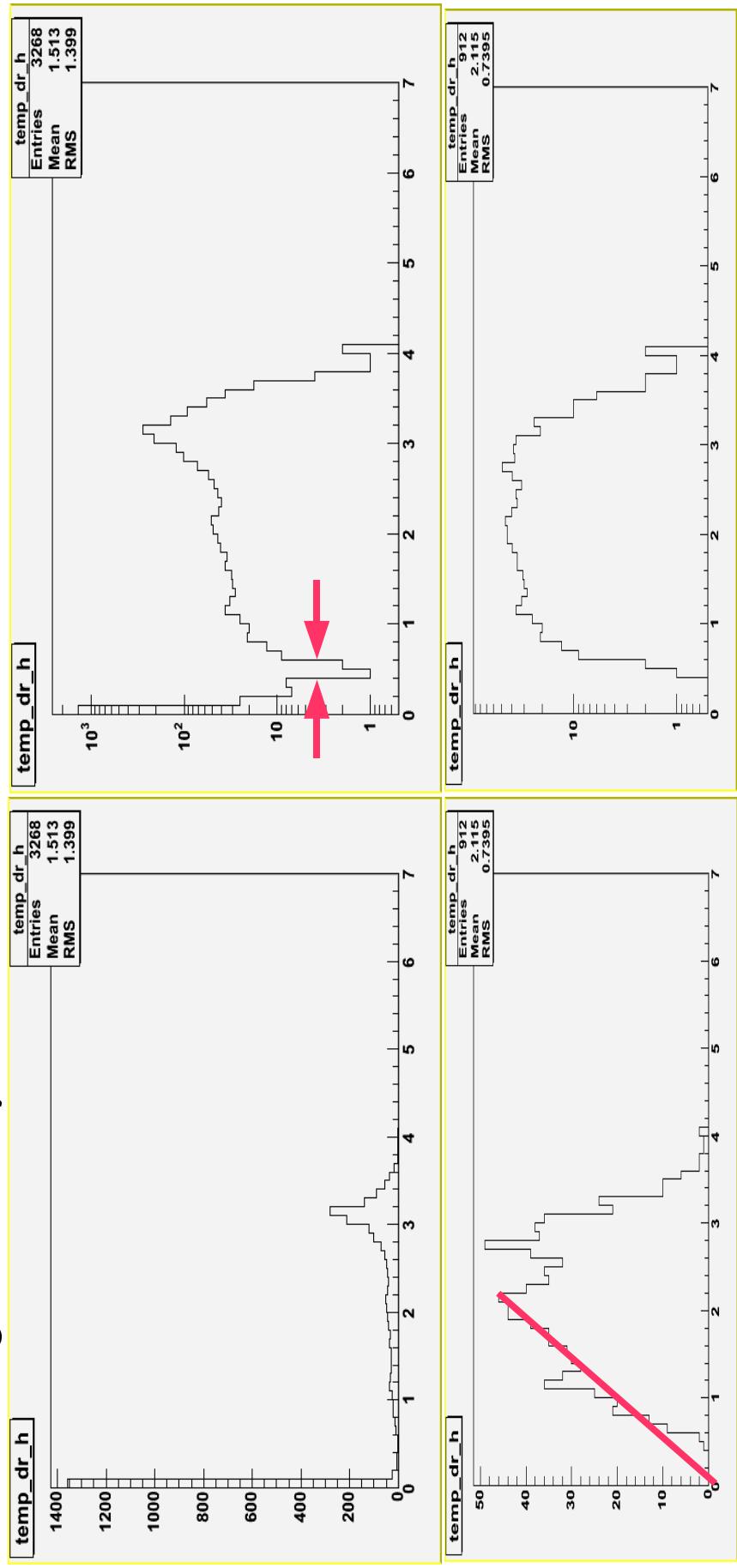
# $Z(ee) + \text{Jets}$



# $Z(ee) + \text{Jets} \cdot \text{jet-electron overlaps}$

## Effect 1:

- electron forms fake jet
- real jet nearby
- reco merges the two jets into one !



University of Illinois at Chicago

Marc Buehler UIC meeting 07-21-04 2

# $Z(ee) + \text{Jets}$ : jet-electron overlaps

Effect 2:

- jet is near electron
- electrons isolation gets messed up
- electron doesn't get reco'd !

